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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/911,155	07/23/2001	Primit Parikh	P0164US7	4496

7590 09/13/2002  
KOPPEL & JACOBS  
Suite 107  
555 St. Charles Drive  
Thousand Oaks, CA 91360

EXAMINER

HU, SHOUXIANG

ART UNIT	PAPER NUMBER
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2811

DATE MAILED: 09/13/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

## DETAILED ACTION

### *Response to Amendment*

1. The reply filed on 6/27/02 is not fully responsive to the prior Office Action because of the following matter(s):

Newly submitted and/or amended claims 1-8, 14-14, 28 and 43-49 in the above reply are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: the invention originally claimed in these claims are readable on Applicant's elected species of Fig. 1, which has a flat Schottky barrier junction with no means for reducing the amount of the reverse leakage current; while the newly submitted and/or amended claims are all unreadable on the elected species of Fig. 1 as they recite the limitation of a means for reducing the amount of the reverse leakage current, which requires a trenched and a non-flat Schottky barrier junction according to the specification and the nonelected species of Figs. 4 and/or 5.

As applicant has received an action on the merits for the originally elected invention, the amendment in the above reply is non-responsive (MPEP § 821.03).

Since the above-mentioned amendment appears to be a *bona fide* attempt to reply, applicant is given a TIME PERIOD of ONE (1) MONTH or THIRTY (30) DAYS, whichever is longer, from the mailing date of this notice within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD UNDER 37 CFR 1.136(a) ARE AVAILABLE.

**Conclusion**

2. Papers related to this application may be submitted to Technology center (TC) 2800 by facsimile transmission. Papers should be faxed to TC 2800 via the TC 2800 Fax center located in Crystal Plaza 4, room 4-C23. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (November 15, 1989). The Group 2811 Fax Center number is (703) 308-7722 or 308-7724. The Group 2811 Fax Center is to be used only for papers related to Group 2811 applications.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Shouxiang Hu** whose telephone number is **(703) 306-5729**. The examiner can normally be reached on Monday through Thursday from 7:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Tom Thomas**, can be reached on **(703) 308-2772**. The appropriate fax phone number for the organization where this application or proceeding is assigned is **(703) 308-7724**.

Any inquiry of a general nature or relating to the status of this application should be directed to the **Technology Center Receptionists** whose telephone number is **(703) 308-0956**.

  
Shouxiang Hu

September 9, 2002